

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC

DIST

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	N1	REVISED PER ECR-21-108739	25OCT2021	JP	VS

4

AMP

1 2 3

6.99
[.275]

6.22
[.245]

13.21
[.520]

6.99
[.275]

0.48±0.08
[.019±.003]

1.91
[.075]

2.54±0.05
[.100±.002]

1.42±0.10
[.056±.004]

4.67±0.08
[.184±.003]

3.66±0.08
[.144±.003]

A +0.38
-0.25
[A +.015
-.010]

.94±0.08
[.037±.003]
TYP

2.54
[.100]
TYP

1

MATERIAL: CONNECTOR-NYLON UL94V-2 (WHITE).
CONTACTS-0.30 [.012] THICK COPPER ALLOY
0.00076 [.000030] GOLD OR 0.00076[.000030]
TOTAL GOLD FLASH OVER PALLADIUM NICKEL,
PER TE CONNECTIVITY'S DISCRETION, IN CONTACT
AREA WITH MATTE TIN FOR 644020-2 THRU
2-644020-8, MATTE WHISKER MITIGATED TIN
FOR 3-644020-2 THRU 5-644020-8 OVER
NICKEL UNDERPLATE.

2

CONTACTS ACCEPT 24 AWG WIRE WITH 1.52[.060] MAX
INSULATION DIAMETER.

3

CONTACTS MUST ACCEPT 0.64±0.03 [.025±.001] SQUARE
POST AND REMAIN LOCKED IN POSITION.

4

IDENTIFICATION NUMBER FOR LAST CIRCUIT MAY NOT
APPEAR ON ALL ASSEMBLIES.

5

DIMENSIONS IN BRACKETS ARE IN INCHES.

6

HOUSING FEATURES ARE: CLOSED END WITH LOCKING
RAMP AND WITH POLARIZING TAB.

7

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm [INCHES]

MATERIAL

1

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

0 PLC ±
1 PLC ±
2 PLC ±
3 PLC ± 0.13 [.005]
4 PLC ±
ANGLES ±
FINISH 1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
S. CARPENTER
12JUN2003

CHK
D. BOSSI
12JUN2003

APVD
D. BOSSI
12JUN2003

PRODUCT SPEC
108-1050

APPLICATION SPEC
114-1019

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME
MTA-100 CONNECTOR ASSEMBLY,
24 AWG, STANDARD

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-644020

RESTRICTED TO
-

SCALE
5:1

SHEET
1 of 1

REV
N1

YES

71.12[2.800]

28

5-644020-8

YES

68.58[2.700]

27

5-644020-7

YES

66.04[2.600]

26

5-644020-6

YES

63.50[2.500]

25

5-644020-5

YES

60.96[2.400]

24

5-644020-4

YES

58.42[2.300]

23

5-644020-3

YES

55.88[2.200]

22

5-644020-2

YES

53.34[2.100]

21

5-644020-1

YES

50.80[2.000]

20

5-644020-0

YES

48.26[1.900]

19

4-644020-9

YES

45.72[1.800]

18

4-644020-8

YES

43.18[1.700]

17

4-644020-7

YES

40.64[1.600]

16

4-644020-6

YES

38.10[1.500]

15

4-644020-5

YES

35.56[1.400]

14

4-644020-4

YES

33.02[1.300]

13

4-644020-3

YES

30.48[1.200]

12

4-644020-2

YES

27.94[1.100]

11

4-644020-1

YES

25.40[1.000]

10

4-644020-0

YES

22.86[.900]

9

3-644020-9

YES

20.32[.800]

8

3-644020-8

YES

17.78[.700]

7

3-644020-7

YES

15.24[.600]

6

3-644020-6

YES

12.70[.500]

5

3-644020-5

YES

10.16[.400]

4

3-644020-4

YES

7.62[.300]

3

3-644020-3

YES

5.08[.200]

2

3-644020-2

NO

71.12[2.800]

28

2-644020-8

SUPERSEDED BY 5-644020-8

NO

68.58[2.700]

27

2-644020-7

SUPERSEDED BY 5-644020-7

NO

66.04[2.600]

26

2-644020-6

SUPERSEDED BY 5-644020-6

NO

63.50[2.500]

25

2-644020-5

SUPERSEDED BY 5-644020-5

NO

60.96[2.400]

24

2-644020-4

SUPERSEDED BY 5-644020-4

NO

58.42[2.300]

23

2-644020-3

SUPERSEDED BY 5-644020-3

NO

55.88[2.200]

22

2-644020-2

SUPERSEDED BY 5-644020-2

NO

53.34[2.100]

21

2-644020-1

SUPERSEDED BY 5-644020-1

NO

50.80[2.000]

20

2-644020-0

SUPERSEDED BY 5-644020-0

NO

48.26[1.900]

19

1-644020-9

SUPERSEDED BY 4-644020-9

NO

45.72[1.800]

18

1-644020-8

SUPERSEDED BY 4-644020-8

NO

43.18[1.700]

17

1-644020-7

SUPERSEDED BY 4-644020-7

NO

40.64[1.600]

16

1-644020-6

SUPERSEDED BY 4-644020-6

NO

38.10[1.500]

15

1-644020-5

SUPERSEDED BY 4-644020-5

NO

35.56[1.400]

14

1-644020-4

SUPERSEDED BY 4-644020-4

NO

33.02[1.300]

13

1-644020-3

SUPERSEDED BY 4-644020-3

NO

30.48[1.200]

12

1-644020-2

SUPERSEDED BY 4-644020-2

NO

27.94[1.100]

11

1-644020-1

SUPERSEDED BY 4-644020-1

NO

25.40[1.000]

10

1-644020-0

SUPERSEDED BY 4-644020-0

NO

22.86[.900]

9

644020-9

SUPERSEDED BY 3-644020-9

NO

20.32[.800]

8

644020-8

SUPERSEDED BY 3-644020-8

NO

17.78[.700]

7

644020-7

SUPERSEDED BY 3-644020-7

NO

15.24[.600]

6

644020-6

SUPERSEDED BY 3-644020-6

NO

12.70[.500]

5

644020-5

SUPERSEDED BY 3-644020-5

NO

10.16[.400]

4

644020-4

SUPERSEDED BY 3-644020-4

NO

7.62[.300]

3

644020-3

SUPERSEDED BY 3-644020-3

NO

5.08[.200]

2

644020-2

SUPERSEDED BY 3-644020-2

LEADFREE

DIM A

NO. OF CIRCUITS

PART NO.

1471-9 (3/11)